

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG2004/000122

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: G06F 17/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
WPAT, ESP@CE, USPTO, INTERNET and Keywords (DCT, DFT, DWT, DST, matrix) and similar terms.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E, A	EP 1406179 A1 (TECHNO MATHEMATICAL CO., LTD.) 7 APRIL 2004 See whole document	1 - 11
A	US 2003/0014136 A1 (WANG et al.) 16 January 2003 See whole document	1 - 11
A	DARLINGTON D. et al., DIGITAL AUDIO EFFECTS IN THE WAVELET DOMAIN [online], Proc. Of the 5 th Int. Conference on Digital Audio Effects (DAFX-02), Hamburg, Germany, September 26-28 2002, [Retrieved on 7 June 2004]. Retrieved from The Internet:<URL: http://www.unibw-hamburg.de/EWEB/ANT/dafx2002/papers/DAFX02_Darlington_Daudet_Sandler_wav_elet.pdf See whole document	1 - 11

 Further documents are listed in the continuation of Box C See patent family armex

* Special categories of cited documents:		
"A" document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search 28 June 2004	Date of mailing of the international search report 8 JUL 2004
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929	Authorized officer R.W.J. FINZI Telephone No.: (02) 6283 2213

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/0012470 A1 (LUNA et al.) 31 January 2002 See whole document	1 - 11
A	WO 2000/055757 A1 (THE JOHNS HOPKINS UNIVERSITY) 21 September 2000 See whole document	1 - 11
A	US 5999656 A (ZANDI et al.) 7 December 1999 See whole document	1 - 11
A	GB 2325368 A (RICOH CO., LTD.) 18 November 1998 See whole document	1 - 11
A	US 5523847 (FEIG et al.) 4 June 1996 See whole document	1 - 11

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/SG2004/000122

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
EP	1406179	JP	2003030174	WO	03009167		
US	2002014136	CA	2354487	CN	1335214	GB	2365417
		HK	1041247				
US	2002012470						
WO	0055757	AU	37519/00	EP	1311975	FR	2801013
US	5999656	US	6216145	US	6219458		
GB	2325368	DE	19819198	JP	10322219	US	6058215
		US	6195466	US	2001031096	US	2002009235
US	5523847						

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX